

Laboratory Equipment (as of August 2007)

Microbiology

Item	Specifications, Model No.	Company	Condition
Refrigerated centrifuge	high speed, MISTRAL 6000	MSE	needs 3-phase line
CO ₂ incubator	take up CO ₂ from air	Heraeus	O.K.
CO ₂ incubator	upright	LEEC	No CO ₂ gas otherwise O.K.
CO ₂ incubator	upright	LEEC	No CO ₂ gas, repaired
Laminar flow cabinet	basic, small type	BDK	O.K.
Anaerobic jar	made of metal		O.K.

Media Room (Microbiology)

Item	Specifications, Model No.	Company	Condition
Incubator	refrigerated	SANYO	O.K.
Centrifuge	basic model, No. 500E	WIFUG	broken
pH meter	battery operated, No. 3305	JENWAY	O.K.
Balance	2 decimal places (0.00 g)	ADAM equip.	O.K.
Balance	2 decimal places (0.00 g)	ADAM equip.	O.K.
Autoclave	very basic model, (No. 25X)	All American	O.K.

Washing Room

Item	Specifications, Model No.	Company	Condition
Autoclave		matron	broken
Incubator	refrigerated	SANYO	repaired
Incubator	refrigerated	SANYO	repaired
Freezer		Electrolux	repaired
Distiller	basic model, small capacity		O.K.
Hot oven	Model 600	memment	repaired
Hot oven		Pickstone	broken

Serum Bank Room

Item	Specifications, Model No.	Company	Condition
Freezer (Entomology)	horizontal type, large	VENUS	belongs to Entomology
Freezer (Entomology)	horizontal type, medium	VENUS	belongs to Entomology
Freezer	upright, large size, -30 degree	Kirsch	repaired
Freezer	upright, large size, -30 degree	Kirsch	O.K.
Deep freezer	upright, medium size, -80 degree	SANYO	got broken ---> repaired
Deep freezer	upright, medium size, -80 degree	Heraeus	O.K.
Freezer	upright, medium size, -30 degree	SANYO	got broken ---> repaired
Freezer	upright, small size, -25 degree	Fiocchetti	O.K.
Freezer	upright, medium size, ?	Electrolux	old
Refrigerator	upright, large size	Kirsch	old
Refrigerator	upright, large size	Vestfrost	old

Haematology

Item	Specifications, Model No.	Company	Condition
Microscope		ZEISS	O.K.
Microscope			poor
Fluorescent microscope			O.K.
Plate shaker	IS89	INSEL	O.K.
Plate shaker			O.K.
Hot stirrer		CORNING	O.K.
pH meter	CD740	WPS	O.K.
Sonicator			broken
Suctioning pump			broken
ELISA plate reader			broken
Drying oven		PRECISION	broken
Incubator			O.K.
Refrigerator with freezer			O.K.
Vortex mixer		MISTRAL	O.K.
Balance	2 decimal places (0.00 g)	sartorius	with an inadequate dish
Balance	4 decimal places (0.0000 g)		O.K.
Centrifuge	refrigerated, centra MP4R	IEC	O.K.
Water bath		FisherScientific	O.K.
CO ₂ incubator	upright, not for Haematology	LEEC	No CO ₂ gas otherwise O.K.

Helminthology

Item	Specifications, Model No.	Company	Condition
Freezer	upright, small	Fiocchetti	new, O.K.
Freezer	upright, small	Fiocchetti	new, O.K.
Freezer	horizontal, small	Electrolux	O.K.
Freezer	upright, medium	Electrolux	repaired
Incubator	refrigerated	SANYO	O.K.
Incubator	refrigerated	SANYO	utilised as fridge
Incubator	refrigerated	SANYO	utilised as fridge
Centrifuge	ordinary, CENTAUR 2	MSE (SANYO)	O.K., swing rotor with 4 different types of baskets
Centrifuge	ordinary, CENTAUR 2	MSE (SANYO)	broken
Centrifuge	new, ordinary, Labofuge 400	Heraeus	O.K., rotors for eppendorf tubes and haematocrit
Refrigerated centrifuge	high speed, MISTRAL 6000	MSE	Needs 3-phase line
Microscope	Standard 25	ZEISS	O.K.
Dissection microscope	SF10	OLYMPUS	O.K.
Liquid nitrogen tank	for transportation		
Haematocrit centrifuge	new	Heraeus	O.K.
Haematocrit centrifuge			O.K.

Histopathology

Item	Specifications, Model No.	Company	Condition
pH meter	battery operated, No. 3305	JENWAY	O.K.
Microtome	BRIGHT 5040		cannot be utilized
Incubator	refrigerated	SANYO	O.K.
Incubator	for paraffin (60 degree)	memmert	O.K.
Embedding oven	VACUCENTER	Salvis	O.K.
Fluorescent microscope	lack of 20x, 40x objectives	ZEISS	O.K.
Liquid nitrogen tank	for transportation, large		
Liquid nitrogen tank	for transportation, small		

Serology

Item	Specifications, Model No.	Company	Condition
Refrigerator with freezer	GR-W26UT	TOSHIBA	O.K.
pH meter	battery operated, No. 3305	JENWAY	no battery
Balance	2 decimal places (0.00 g)	ADAM equip.	O.K.
Balance	2 decimal places (0.00 g)	BOSCH	O.K.
Vortex mixer		STUART Sci.	O.K.
Stirrer		Heidolph	O.K.
Drying oven		Heraeus	broken
Solar freezer		BOCOLD	broken
Centrifuge	ordinary, CENTAUR 2	MSE	O.K.
Water bath		memmert	broken
Water bath		memmert	broken
Refrigerator	large	Kirsch	O.K.
Plate shaker + incubator	No. 1589	INSEL	O.K.
Balance	2 decimal places (0.00 g)	sartorius	O.K.
ELISA reader	Immunoskan MS	BDSL	O.K.
ELISA reader	Immunoskan MS	BDSL	problem with filters ?
ELISA reader	DYNEX	MRX	difficult to operate
Inverted Microscope			stored, O.K.
Inverted Microscope			stored, O.K.
Microcentrifuge			stored, broken
Microcentrifuge			stored, broken

Biochemistry

Item	Specifications, Model No.	Company	Condition
Incubator	refridgerated	SANYO	utilised as fridge
Centrifuge	ordinary, CENTAUR 2	MSE (SANYO)	O.K.
Water bath		memmert	broken
Water bath	for degas	Astell Scientific	O.K.
Liquid chromatography	for detection of insecticide		O.K.

Bird Flu

Item	Specifications, Model No.	Company	Condition
Refrigerator with freezer	(from NLPPI)	SIBIR	new, O.K.
Incubator	for eggs ?		broken
Refrigerator with freezer	(from FAO)	TOSHIBA	O.K.
Centrifuge	ordinary, CENTAUR 2	MSE (SANYO)	O.K.
Inverter with charger	(from FAO)		broken

Molecular Biology

Item	Specifications, Model No.	Company	Condition
Microcentrifuge	basic, small, 12 tubes, PCV-3000	Grant-bio	new
Vortex mixer	small	Grant-bio	new
Electrophoresis apparatus	small		new
Electrophoresis apparatus	large		new
Power supply	EV262	Consort	new
Transilluminator		UVP	new
Thermal cycler	for 96 tubes, TC-412	TECHNE	new
Autoclave	large	Barnstead	old but O.K.
Water bath	SWB	Stuart	new
Water bath	SWB	Stuart	new
Water bath	SWB	Stuart	new
Freezer	small	IGNIS	new
Refrigerator with freezer	medium	Lec Medical	new
Multichannel pipette			new
Multichannel pipette			new
Multichannel pipette			new
Multichannel pipette			new
Automatic micropipette	~ 1ml		new